

**Numbers and Rates of Traumatic Brain Injury-Related Emergency Department Visits, Hospitalizations,  
and Deaths, by Age Group, United States, 2003**

Age (yrs)	Emergency Department Visits			Hospitalizations			Deaths			Total <sup>§</sup>		
	Number	Rate*	Column %	Number	Rate*	Column %	Number <sup>†</sup>	Rate*	Column %	Number	Rate*	Column %
0–4	216,000	091.2	17.6	18,000	92.1	6.3	1,035	5.2	2.0	235,000	1,188.5	15.0
5–14	188,000	458.2	15.3	24,000	59.3	8.4	1,250	3.1	2.5	213,000	520.5	13.6
15–24	313,000	760.1	25.6	56,000	135.4	19.2	9,053	22.0	17.8	378,000	917.5	24.2
25–44	254,000	301.0	20.7	58,000	69.1	20.1	13,904	16.5	27.4	326,000	386.7	20.8
45–64	163,000 <sup>‡</sup>	237.9 <sup>‡</sup>	13.4	50,000	72.4	17.1	11,698	17.0	23.0	225,000	327.3	14.4
≥65	90,000 <sup>‡</sup>	251.8 <sup>‡</sup>	7.4	84,000	234.1	29.0	13,796	38.4	27.2	188,000	524.3	12.0
<b>Total<sup>§</sup></b>	<b>1,244,000</b>	<b>420.9</b>	<b>100.0</b>	<b>290,000</b>	<b>99.9</b>	<b>100.0</b>	<b>50,757</b>	<b>17.5</b>	<b>100.0</b>	<b>1,565,000</b>	<b>538.2</b>	<b>100.0</b>

\* Rate per 100,000 population.

† Total includes 21 deaths with unknown age.

‡ Sample size is 30–59; the value of the estimate was reported but may not be stable.

§ Numbers and rates may not sum to totals due to rounding.

Note: Emergency department visits does not include 247,000 hospitalizations, deaths, transfers, or persons with an unknown disposition. Hospitalizations does not include 21,000 persons who died in-hospital.

**Numbers and Rates of Traumatic Brain Injury-Related Emergency Department Visits, Hospitalizations,  
and Deaths, by Sex, United States, 2003**

Sex	Emergency Department Visits			Hospitalizations			Deaths			Total <sup>†</sup>		
	Number	Rate*	Column %	Number	Rate*	Column %	Number	Rate*	Column %	Number	Rate*	Column %
Male	710,000	496.4	58.0	184,000	128.4	63.3	37,416	26.2	73.7	931,000	650.9	59.5
Female	514,000	347.9	42.0	107,000	72.2	36.7	13,341	9.0	26.3	634,000	429.1	40.5
<b>Total<sup>†</sup></b>	<b>1,224,000</b>	<b>420.9</b>	<b>100.0</b>	<b>290,000</b>	<b>99.9</b>	<b>100.0</b>	<b>50,757</b>	<b>17.5</b>	<b>100.0</b>	<b>1,565,000</b>	<b>538.2</b>	<b>100.0</b>

\* Rate per 100,000 population.

† Numbers and rates may not sum to totals due to rounding.

Note: Emergency department visits does not include 247,000 hospitalizations, deaths, transfers, or persons with an unknown disposition. Hospitalizations does not include 21,000 persons who died in-hospital.

**Numbers and Rates of Traumatic Brain Injury-Related Emergency Department Visits, Hospitalizations, and Deaths, by Cause, United States, 2003**

Cause	Emergency Department Visits			Hospitalizations			Deaths			Total <sup>II</sup>		
	Number	Rate*	Column %	Number	Rate*	Column %	Number	Rate*	Column %	Number	Rate*	Column %
Motor-vehicle traffic <sup>†</sup>	227,000	78.0	18.5	58,000	19.9	19.9	16,357	5.6	32.2	301,000	103.5	19.2
Fall	426,000	146.5	34.8	68,000	23.3	23.4	8,949	3.1	17.6	503,000	172.9	32.1
Assault	124,000 <sup>‡</sup>	42.8 <sup>‡</sup>	10.2	19,000	6.6	6.6	5,871	2.0	11.6	149,000	51.4	9.5
Struck by/against	272,000	93.4	22.2	8,000	2.7	2.7	366	0.1	0.7	280,000	96.2	17.9
Other	120,000 <sup>‡</sup>	-----	9.8	35,000	-----	12.1	19,214	-----	37.9	174,000	-----	11.1
Unknown	<sup>§</sup>	-----	4.6	102,000	-----	35.2	-----	-----	-----	<sup>§</sup>	-----	10.1
<b>Total<sup>II</sup></b>	<b>1,224,000</b>	<b>420.9</b>	<b>100.0</b>	<b>290,000</b>	<b>99.9</b>	<b>100.0</b>	<b>50,757</b>	<b>17.5</b>	<b>100.0</b>	<b>1,565,000</b>	<b>538.2</b>	<b>100.0</b>

\* Rate per 100,000 population.

<sup>†</sup> Motor-vehicle traffic includes the following external causes of injury: occupant, motorcyclist, pedal cyclist, pedestrian, other, and unspecified person involved in a motor-vehicle-traffic incident

<sup>‡</sup> Sample size is 30–59; the value of the estimate was reported but may not be stable.

<sup>§</sup> Sample size, or sample size of one component, is fewer than 30; the value of the estimate was not reported because it is not considered stable.

<sup>II</sup> Numbers and rates may not sum to totals due to rounding.

Note: Emergency department visits does not include 247,000 hospitalizations, deaths, transfers, or persons with an unknown disposition. Hospitalizations does not include 21,000 persons who died in-hospital.